

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1-10. (Cancelled)

11. (currently amended) An autoinjector comprising:

a housing;

a reservoir for containing a medicament in a distal portion of the housing;

a needle for delivering the medicament;

a drive mechanism in a proximal portion of the housing, the drive mechanism being capable of exerting a force sufficient to expel the medicament from the reservoir through the needle, the drive mechanism comprising a shape memory alloy drive spring, the shape memory alloy drive spring being formulated to ~~provide a drive spring that exerts exert~~ a first force when ~~the drive spring is~~ in a martensite phase and a second force, which is larger than the first force, when ~~the drive spring is~~ in an austenite phase, the drive mechanism being capable of being manually re-cocked when the shape memory alloy drive spring is in the martensite phase.

12. (original) The autoinjector of claim 11, wherein the first force is at least 20% less than the second force.

13. (original) The autoinjector of claim 11, wherein the first force is at least 30% less than the second force.

14. (original) The autoinjector of claim 11, wherein the first force is at least 40% less than the second force.

15. (original) The autoinjector of claim 11, wherein the first force is at least 50% less than the second force.

16. (currently amended) The autoinjector of claim 11, wherein the shape memory alloy drive spring is formulated to provide a shape memory mode of behavior within an operational temperature range of the ~~injection-device~~ autoinjector.

17. (currently amended) The autoinjector of claim 11, wherein the shape memory alloy drive spring is fabricated of a shape memory alloy that is in an austenite phase within an ambient temperature range of an environment of use of the ~~injection-device~~ autoinjector.

18. (original) The autoinjector of claim 17, wherein the ambient temperature range of the environment of use is about 20°C to about 25°C.

19. (original) The autoinjector of claim 18, wherein the shape memory alloy drive spring is fabricated using a shape memory alloy that is in a martensite phase at a temperature that is at or above about 4°C.

20. (currently amended) The autoinjector of claim 11, wherein the shape memory alloy drive spring is fabricated of a shape memory alloy that is in a martensite phase within an ambient temperature range of an environment of use of the ~~injection-device~~ autoinjector.

21. (original) The autoinjector of claim 20, wherein the ambient temperature range of the environment of use is about 20°C to about 25°C.

22. (currently amended) The autoinjector of claim 21, wherein the shape memory alloy drive spring is fabricated using a shape memory alloy that is in a an austenite phase at or above about 37°C.

23. (original) The autoinjector of claim 11, wherein the shape memory alloy drive spring is formed of a shape memory alloy formulated to achieve a full austenite phase and a full martensite phase within an operational temperature range of the autoinjector.

24. (original) The autoinjector of claim 23, wherein the operational temperature range of the autoinjector is from about 4°C to about 37°C.

25. (cancelled)

26. (currently amended) The ~~injection device~~ autoinjector of claim 11, wherein the shape memory alloy drive is a coiled wave spring.